

**Prometheus**  
a c o u s t i c s



# Prometheus

bring fire to your music



## Bring fire to the music

Prometheus audio system reveals more of true music beauty inside of your listening space, whenever you create, mix or listen to it.

Its advanced acoustics breaks through the physical limitations of conventional speakers in pursuit of ultimate sound quality in every listening conditions.



# Innovation

Ingenious acoustical arrangement of Prometheus reduces negative impact of the listening room and improves the subjective perception of music.

Four strategically placed mid-woofers literally redirect mid- and low-frequency sound energy toward the listener, rather than sending it around, towards nearby surfaces that reflect sound in an uncontrolled way. You can place them wherever you want, even right next to the wall.

## **Prometheus is not only about loudspeakers.**

It is a complete, active, stereo audio system. Just plug it into mains and provide the audio signal from your favourite source to enjoy your music. Like never before.





## Design

Be mesmerized with these finely-crafted, ageless style cabinets.

One of a kind anatomic shapes form elusive form-factor and perfect acoustical properties of Prometheus speakers.

Prometheus audio system is housed in just two sleek bodies with 20 x 30 cm footprint, that carry sound potential of big floor-standing speakers.

**Speaker – rebuilt**

**Acoustics – reinvented**

**Sound – rediscovered**

# Integrity

Here it is, perfectly integrated audio stereo system.

It encloses audiophile grade ADC / DAC with ultra-low noise and jitter. Packs 3 channels of high-end amplification with up to 600 W of average output power per box. Boasts 10 high-performance speaker driver units in your stereo system.

In effect, provides effortless dynamics of big floorstanding columns with 10-inch woofers. Innovative acoustics is included as a bonus.







Forget everything you know about speakers.



### **Class-D amplifiers with 600 Watts per box**

Unlimited power at audiophile quality.

High power density, green technology without sonic qualities degradation.

### **Four high-performance, long-excursion woofers**

All woofers in the box contribute to bass output.

Clean reproduction of live performance volume, large dynamics headroom.

### **Advanced 3D-image waveguide**

Linearizes dispersion of high frequencies up to ultrasonic range.

Silky smooth high tones with large spatial coverage.

### **Vertical MTM layout**

Narrows down vertical dispersion of midrange frequencies.

Improves in-room sound intelligibility, widens musical soundstage.

### **Rounded box edges**

Prevents diffraction normally occurring at the speaker box edges.

Allows the speakers to disappear inside of the holographic soundstage.

### **No speaker drivers on the rear panel**

Enables positioning in close proximity to the wall.





### **Dual side-firing woofers**

The symmetrical, back-to-back coupled woofers cancel the reaction forces generated by the vibrating cones and completely prevent cabinet vibration. The box does not contribute to the sound of the loudspeaker drivers.

### **Bass & midrange controlled directivity**

Cuts unwanted acoustical emission at extreme angles.  
Prevents harmful reflections from mixing with direct sound at the listening spot.

### **Bass & midrange controlled power response**

Makes the spectrum of diffuse sound similar to direct sound.  
Immunizes the speaker's sound signature against harsh acoustic environment.

### **Two-plane symmetrical driver array**

Forms point-like apparent sound source.  
Achieves spatial and time coherence of the sound source.

### **Non-resonant speaker compartment**

Prevents any standing waves occurring inside due to its unique geometry.  
Devoid of sound coloration due to internal speaker cabinet resonances.

# Technical specification

## Speakers

tweeter: 1" waveguided aluminium dome  
front woofers: 2x5.25" aluminium cone  
side woofers: 2x6.5" high-excursion aluminium cone

## Enclosure

sealed, DSP-controlled bass-midrange cardioid  
construction: structure-hardened HDF, CNC machined  
available finish: matte black / matte white lacquered  
dimensions: (H x W x D) 450 x 200 x 300 mm  
weight: 16 kg / pc

## Amplifier

3-channels, class-D Hypex NCore with SMPS  
front woofers: 250 Wrms / 4 Ohm @ 0,1% THD  
side woofers: 250 Wrms / 4 Ohm @ 0,1% THD  
tweeter: 100 Wrms / 4 Ohm @ 0,1% THD

## Power supply

operating mains voltage: 100-120, 200-240 VAC / 47-63 Hz  
power consumption (maximum, per speaker): 650 W  
standby power consumption: 0,5 W

## Connectivity

supported sample rate up to 192 kHz / 24 bit  
1 x S/PDIF (RCA)  
1 x S/PDIF (Toslink)  
1 x AES3 (XLR)  
1 x analog (RCA + XLR)  
1 x S/PDIF (RCA) / AES3 (XLR) output for stereo sync  
micro USB type-B for EQ / tuning upload

## Analog audio

XLR max input level: 6,15 Vrms  
RCA max input level: 2,18 Vrms

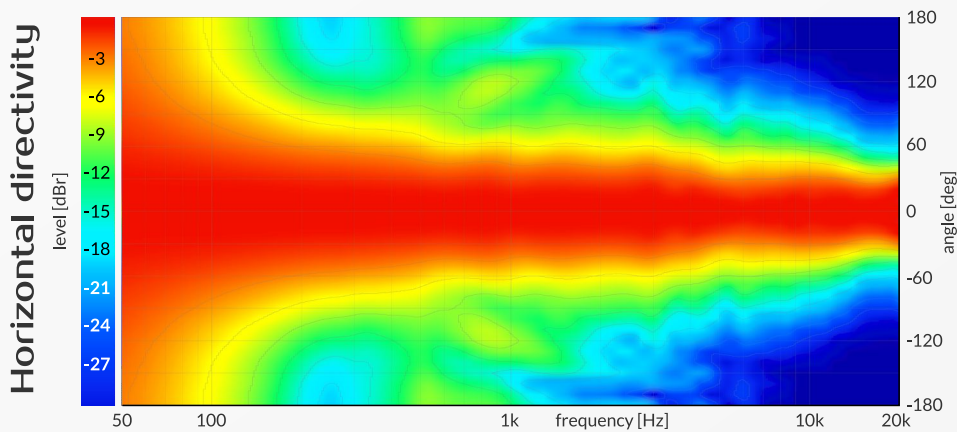
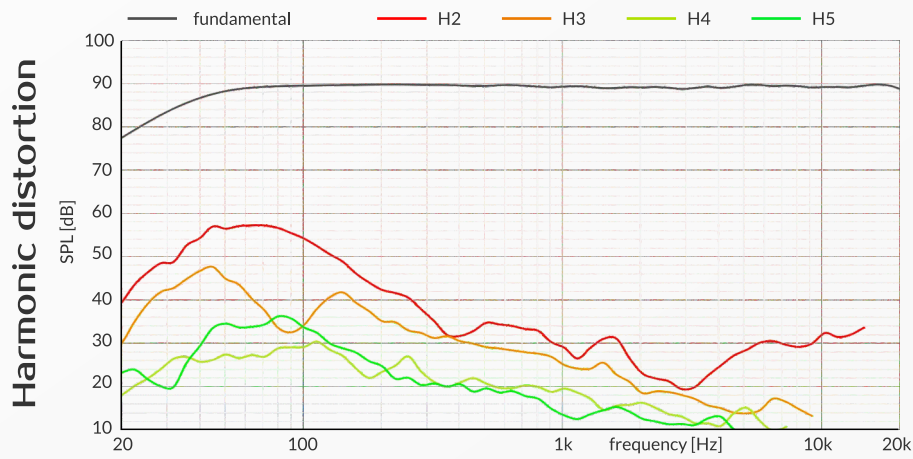
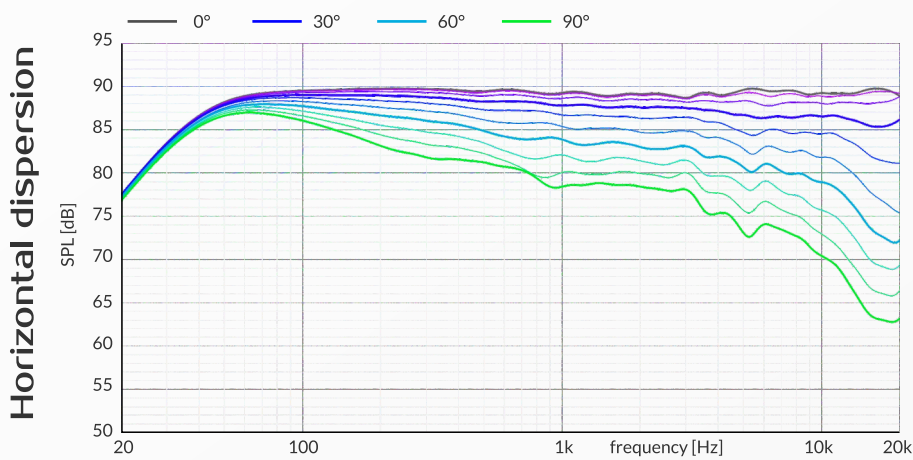
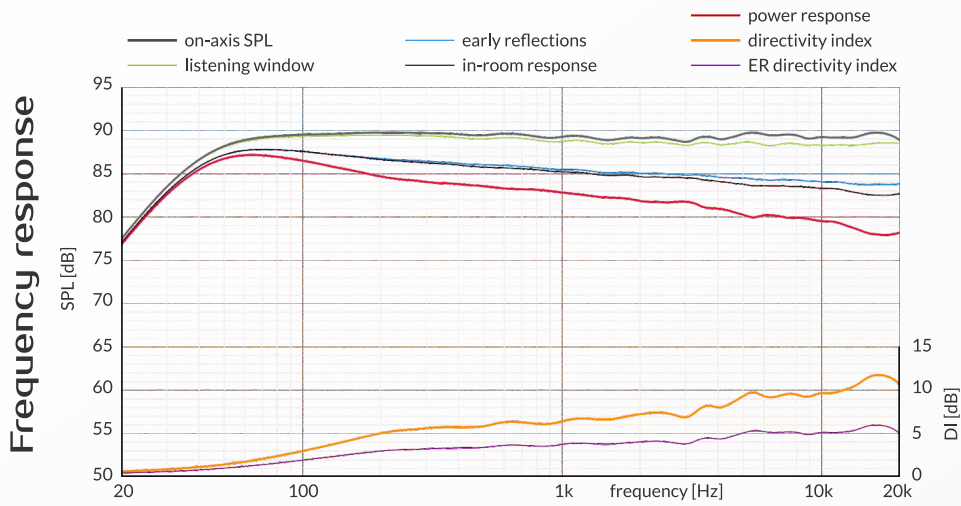
## Digital audio

digital input latency: 1,8 ms

## IR remote control

ON / OFF  
volume control  
source select  
3 tuning presets  
mute





From now on, you can only look for music.



[www.prometheusacoustics.com](http://www.prometheusacoustics.com)